

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010720\
 Data File : VU036398.D
 Acq On : 07 Jan 2020 17:17
 Operator : JC/MD
 Sample : L1042-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 08 03:58:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 03:56:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	498014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	480171	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	178428	50.00	ug/L	0.00

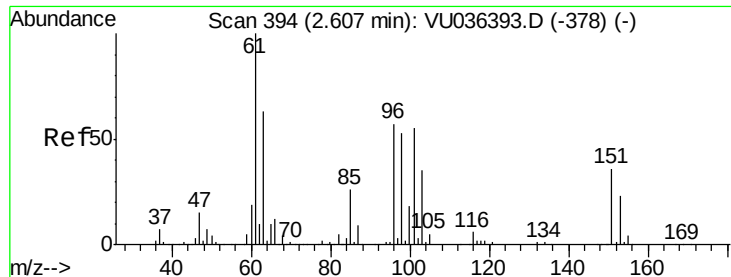
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	164791	42.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.94%
7) Chloroethane-d5	1.93	69	143108	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.44%
11) 1,1-Dichloroethene-d2	2.59	63	246324	37.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.52%
21) 2-Butanone-d5	4.68	46	288234	99.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	5.11	84	336874	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	5.75	65	233832	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
32) Benzene-d6	5.77	84	691573	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
36) 1,2-Dichloropropane-d6	6.73	67	226127	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.93	98	645982	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%
43) trans-1,3-Dichloropropene-	8.21	79	119712	49.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.42%
47) 2-Hexanone-d5	8.67	63	222179	96.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.09%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	334386	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	12.22	152	186842	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2495	0.853 ug/L #	23
13) Acetone	2.66	43	9369	3.126 ug/L	99
25) Chloroform	5.13	83	6880	1.035 ug/L	90
44) trans-1,3-Dichloropropene	8.21	75	7056	1.185 ug/L	93
48) 2-Hexanone	8.67	43	21414	4.288 ug/L #	62

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.853 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036398.D

Acq: 07 Jan 2020 17:17

Instrument :

MSVOA_U

ClientSampleId :

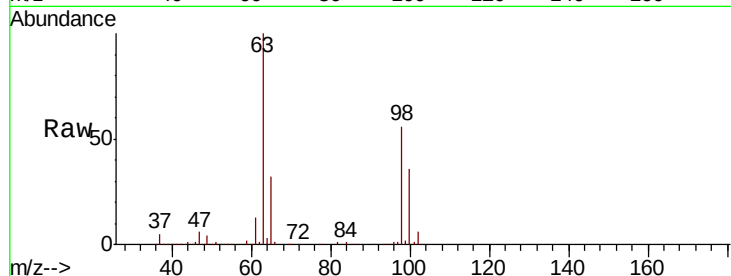
Tot Ion:101 Resp: 2495

Ion Ratio Lower Upper

101 100

85 1.8 37.1 55.7#

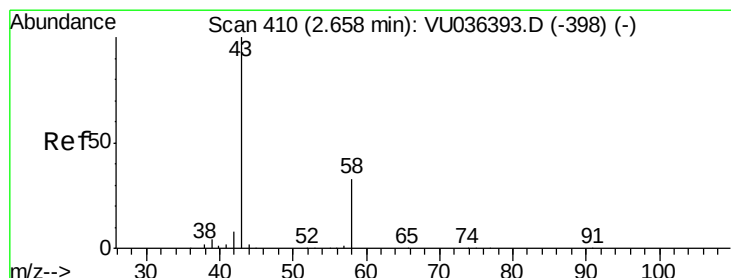
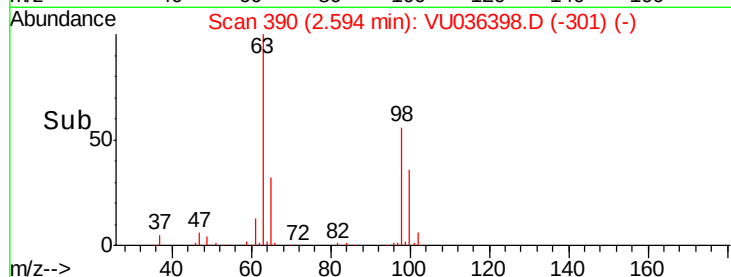
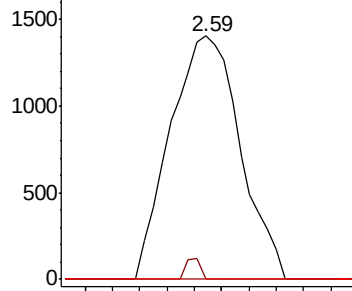
151 0.0 54.3 81.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.126 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036398.D

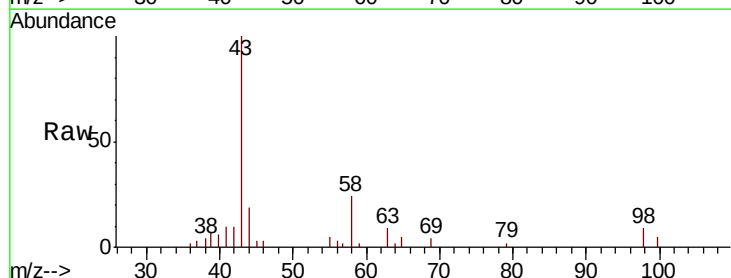
Acq: 07 Jan 2020 17:17

Tgt Ion: 43 Resp: 9369

Ion Ratio Lower Upper

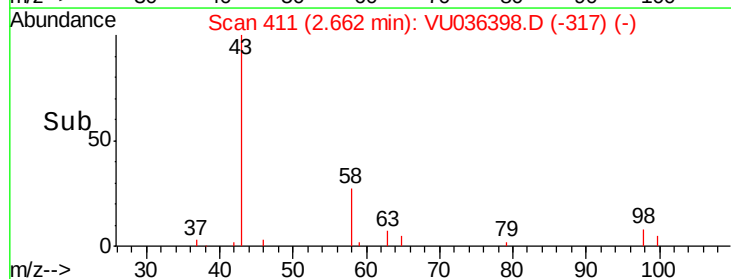
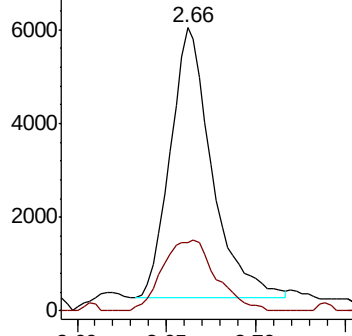
43 100

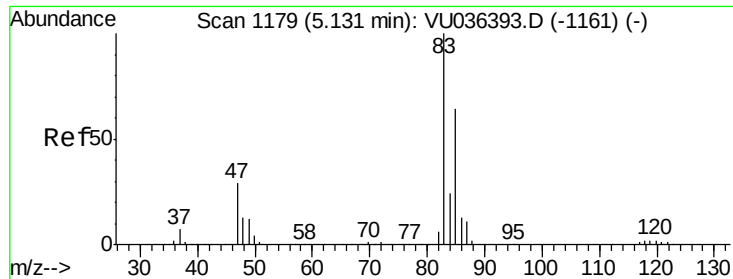
58 33.4 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

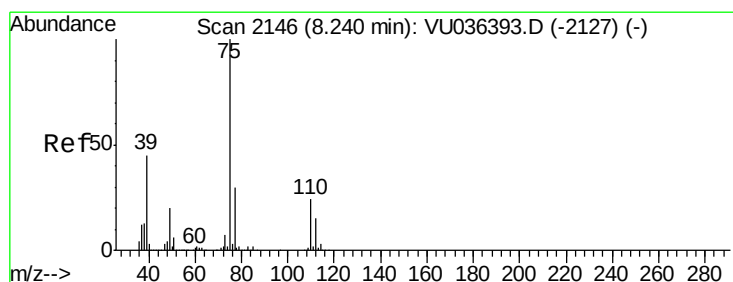
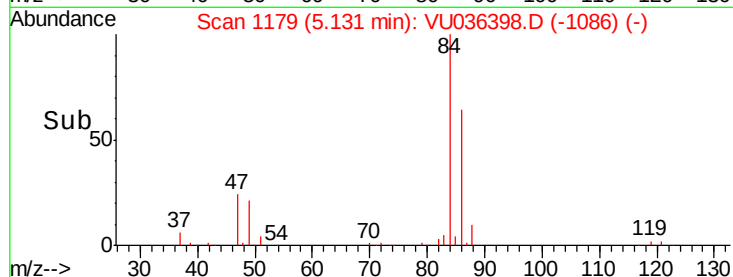
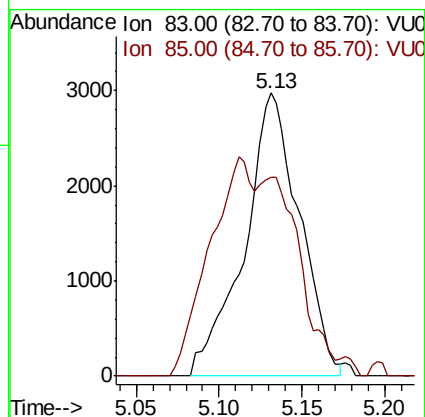
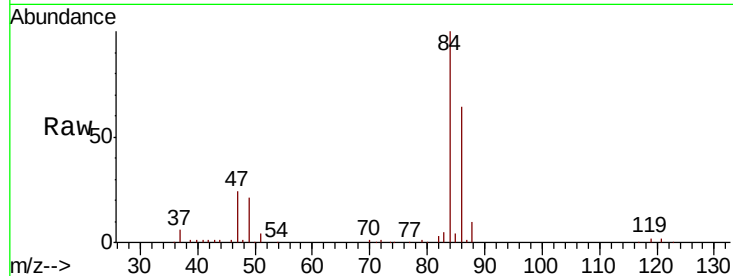




#25
Chloroform
Concen: 1.035 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036398.D
Acq: 07 Jan 2020 17:17

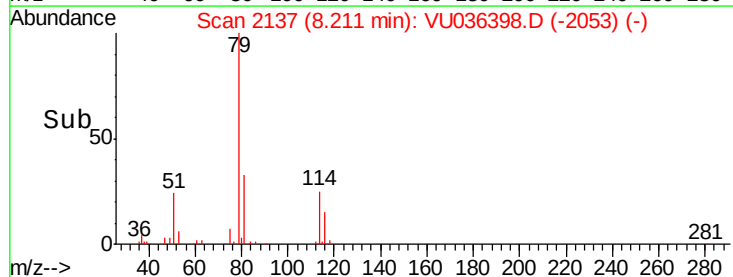
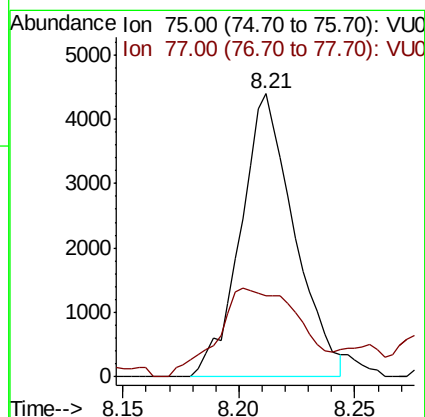
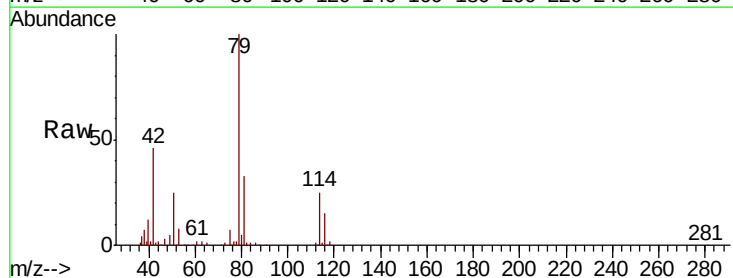
Instrument :
MSVOA_U
ClientSampleId :

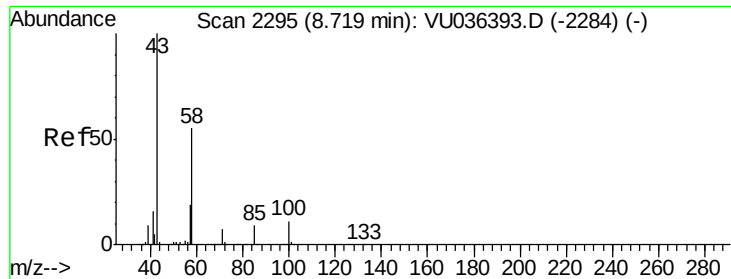
Tot Ion: 83 Resp: 6880
Ion Ratio Lower Upper
83 100
85 70.3 43.9 81.5



#44
trans-1,3-Dichloropropene
Concen: 1.185 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036398.D
Acq: 07 Jan 2020 17:17

Tgt Ion: 75 Resp: 7056
Ion Ratio Lower Upper
75 100
77 28.5 22.5 41.9





#48

2-Hexanone

Concen: 4.288 ug/L

RT: 8.67 min Scan# 2280

Delta R.T. -0.05 min

Lab File: VU036398.D

Acq: 07 Jan 2020 17:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 21414

Ion Ratio Lower Upper

43 100

58 16.8 42.2 63.4#

57 21.2 14.8 22.2

100 0.0 8.8 13.2#

